

Jed

**Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 7/14/2014**

Instrument Serial Number: 010554

As of 14-Jul-14

| Start Date | End Date | Agency Name |
|-------------------|-----------------|--------------------|
| 10-Jul-14 | | DFS Central Lab |
| 06-Mar-09 | 10-Jul-14 | Smithfield PD |
| 23-Jun-08 | 06-Mar-09 | DFS Central Lab |

5/21

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010554 Worksheet Start Date 7/10/2014
Location Smithfield PD
Address 913 S Church St, Smithfield, VA 23430
DFS Technician Sarah Dersch License No. 24178

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 760 Reference Barometer (mm HG) 762
Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/19/2015

Measurement Assurance Check

| | | | | | |
|----------------------|-----------|------------|------------|----------|-------|
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 | 0.303 |
| 0.300 | 0.300 | 0.291 | 0.309 | Sample 2 | 0.302 |
| Precision | | sample min | sample max | Sample 3 | 0.302 |
| 0.001 | | 0.302 | 0.303 | | |

| | | | | | |
|----------------------|-----------|------------|------------|----------|-------|
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 | 0.100 |
| 0.100 | 0.100 | 0.097 | 0.103 | Sample 2 | 0.100 |
| Precision | | sample min | sample max | Sample 3 | 0.100 |
| 0 | | 0.100 | 0.100 | | |

Dry gas standard Lot No. (with tank no.) AG400202-35

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☒ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Instrument Serial Number

010554

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.250 | | 0.000 | 0.000 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.150 | | 0.000 | 0.000 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

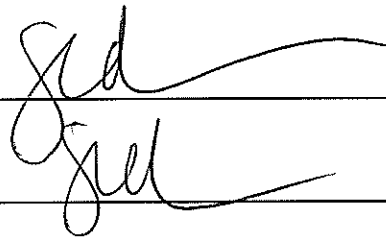
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.080 | | -0.003 | 0.003 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.020 | | -0.003 | 0.003 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician



Date

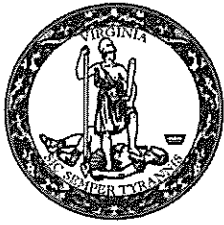
7/14/14

Issuing Analyst

Date

7/14/14

mmB



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

| | |
|-------------------|---------------|
| NAME OF ACCUSED | NAME OF COURT |
| INSTRUMENT, TEST, | DFS |

BREATH ANALYSIS

| | | |
|---------------------------------------|-----------------|---------------------|
| SAMPLE EXAMINED AND TEST CONDUCTED BY | | AGENCY |
| DERSCH, SARAH, E | | DFS Central Lab |
| DFS LICENSE NUMBER | LICENSE EXPIRES | DATE TEST CONDUCTED |
| 24178 | 10/01/2014 | 07/10/2014 |
| TEST EQUIPMENT NUMBER | | |
| 010554 | | |

RESULTS: TIME SAMPLE TAKEN 13:35 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

| |
|----------------------|
| BREATH TEST OPERATOR |
|----------------------|

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 11 Jul 2014 at 08:51

gnd

Test Results

Instrument Serial Number 010554

Test # 001021 Subject Test

Test Location 1 Department of
Test Date 10 Jul 2014

Test Location 2 Forensic Science
Test Time 13:28
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab

Operator's First Name SARAH

Operator's Middle Initial E

Card Serial Number 124178

Effective Date 10/01/2012

License Number 24178

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 10 Jul 2014 End Time 13:36

Result Time 13:35

Result Date 10 Jul 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:28

Data Type BLK

Sample Value 0.000

Sample Time 13:29

Data Type CHK

Sample Value 0.101

Sample Time 13:30

Data Type BLK

Sample Value 0.000

Sample Time 13:31

Data Type SUBJ

Sample Value 0.000

Sample Time 13:32

Data Type BLK

Sample Value 0.000

Sample Time 13:33

Data Type SUBJ

Sample Value 0.000

Sample Time 13:35

Data Type BLK

Sample Value 0.000

Sample Time 13:36

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG400202-35

Standard Expiration Date 01/02/2016

Tank Pressure 1022

Barometric Pressure 760 mmHg

Blow Sample Number 1 Blow Duration 3.21 sec

Blow Volume 2173 cc End-of-Blow Time 13:32

Blow Sample Number 2 Blow Duration 4.45 sec

Blow Volume 2737 cc End-of-Blow Time 13:35

Tamper Evident Stamp cc8ab69b

Test Status Code 0

Test Status Success

Intox EC/IR-II: Accuracy Check

jed

Department of Forensic Science

Serial Number: 010554 Test Number: 1022

Test Date: 07/10/2014 Test Time: 13:38 EDT

Dry Gas Target: 0.100

Lot Number: AG400202-35 Exp Date: 01/02/2016

Tank Pressure: 1017 psi Barometric Pressure: 760 mmHg

System Check: *Passed*

| Test | g/210L | Time |
|------|--------|-------|
| BLK | 0.000 | 13:39 |
| CHK | 0.100 | 13:40 |
| BLK | 0.000 | 13:42 |
| CHK | 0.100 | 13:42 |
| BLK | 0.000 | 13:44 |
| CHK | 0.100 | 13:44 |

Test Status: *Success*

Calibration CRC: 91E4234E

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Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010554 Test Number: 1023

Test Date: 07/10/2014 Test Time: 13:49 EDT

Dry Gas Target: 0.300

Lot Number: AG334603-04 Exp Date: 12/12/2015

Tank Pressure: 306 psi Barometric Pressure: 761 mmHg

System Check: Passed

| Test | g/210L | Time |
|------|--------|-------|
| BLK | 0.000 | 13:49 |
| CHK | 0.303 | 13:50 |
| BLK | 0.000 | 13:52 |
| CHK | 0.302 | 13:53 |
| BLK | 0.000 | 13:54 |
| CHK | 0.302 | 13:55 |

Test Status: Success

Calibration CRC: 91E4234E